



*July 26, 1988*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Timothy John O'Brien Examiner:

Serial No.: 042,498 Art Unit: 128

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For: TUMOR SPECIFIC ASSAY FOR  
CA125 OVARIAN CANCER ANTIGEN Dated: September 12, 1988

Hon. Commissioner of Patent  
and Trademarks  
Washington, DC 20231

INFORMATION DISCLOSURE

Sir:

In accordance with the provisions of 37 C.F.R. §§1.97 and 1.98 and in compliance with the requirements of 37 C.F.R. §1.56, the Applicant directs the Examiner's attention to the following references to be made of record:

1. U. S. Patent No. 4,584,278 to Knauf, entitled "Antigen derived from human ovarian tumors and radioimmunoassay using the antigen," (April 22, 1978).
2. U. S. Patent No. 4,713,351 to Knauf, entitled "Monoclonal antibody directed to an antigen derived from human ovarian tumors and a radioimmunoassay using the antibody," (December 15, 1987).

The cited references disclose, in pertinent part, the isolation and purification of an antigen named NB/70K. The antigen is a fraction isolated from ovarian homogenates. It is disclosed that the antigen is isolated from Fraction OCA and has a molecular weight of 70,000 KD; the antigen can also be isolated

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in the envelope addressed to: Commissioner of Patents and Trademarks, Washington, DC 20231 on September 12, 1988.

Dated: September 12, 1988

*Frank S. DiGilio*

Frank S. DiGilio

from Fraction OCC. The references further contemplate an antibody, named Anti-NB/70K, and radioimmunoassays which detect the presence of unspecified ovarian carcinomas. The references contemplate conventional methods of purification, isolation and application. The latter reference is specifically drawn to a monoclonal antibody directed to the antigen.

The claimed invention is believed to represent a patentable departure from the teachings of the cited art. Consideration of this Information Disclosure Statement is respectfully requested inasmuch as the cited references may be material to the examination of this application.

Respectfully submitted,

*Frank S. DiGiglio*

Frank S. DiGiglio  
Registration No. 31,346

Dated: September 12, 1988

Scully, Scott, Murphy & Presser  
400 Garden City Plaza  
Garden City, NY 11530  
(516) 742-4343

RLC:lr